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2/11/06

RESPONSE UNDER 37 C.F.R. § 1.116  
EXPEDITED PROCEDURE  
EXAMINING GROUP 2800

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor : Eric R. Lovegren Appln. No.: 09/667,297 Filed : September 22, 2000 For : THRESHOLD SETTING FOR A RADAR LEVEL TRANSMITTER Docket No.: R11.12-0701	Group Art Unit: 2857  Examiner: Jeffrey R. West
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**RESPONSE AFTER FINAL**

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I HEREBY CERTIFY THAT THIS PAPER IS  
BEING SENT BY U.S. MAIL, FIRST CLASS,  
TO THE COMMISSIONER FOR PATENTS,  
P.O. BOX 1450, ALEXANDRIA, VA 22313-1450,  
THIS

25 DAY OF Sept, 20 06  
  
PATENT ATTORNEY

Sir:

This is in response to the Office Action mailed on August 23, 2006.

In the Office Action, all pending claims 17-20, 25, 31, 34, 37, 39 and 43-45 were rejected. Reconsideration and favorable action are respectfully requested.

In the Office Action, the rejections previously set forth generally continued. However, Paragraph 7 of the Office Action addressed the remarks and amendments previously submitted. Specifically, the Office Action cited the Carsella reference as showing calculating an estimated reflected pulse and cited col. 1, line 64 to col. 2, line 2 and col. 9, lines 6-20.

As noted in Carsella col. 9, lines 6-20, the "auto referencing step" involves a direct measurement of the reflected pulse. This is not an estimation as set forth in the pending claims. For this reason alone, the rejection should be withdrawn.

Further, even if somehow one could equate the actual measurement of a value as